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Bamangwato Concessions seek financing		

Banner for Cu-ni project	Dec	20
Banner and Newmont mining call off merger plans	May	8
Banner Mining to be acquired by Newmont	Mar	16
Barringer licensed by Fiji islands for exclusive mineral exploration	Jun	6
Bell Laboratories stores data in microscopic magnetic bubbles	Oct	10
Bethlehem Mines and Erie Mining awarded Sentinels-of-Safety trophy	Jul	30
Bethlehem receives patent for slurry recovery	Sep	16
Bethlehem Steel receives patent for pellet control	Jun	13
BLM meeting topic concerns use of public lands by mining industry	Jan	27
Bolivia waving a big stick?	Nov	23
Bonnie Phosphate operations transferred by IMC to Central Farmers	Apr	22
Botswana RST nickel-copper find is larger than expected	Jun	6
Bougainville Copper has financial backing	Sep	11
Brad Foote Gear Works to be acquired by Bucyrus-Erie	Jun	6
British Aircraft Corp. commercial submarine habitat from Britain	Jun	26
British Charter and Chilean firm sign copper pact	Jun	14
British Columbia-Yukon mining scene, the impact of Japanese market on	Oct	10
Broken Hill and Inco subsidiary report nickel sulfide discovery	Apr	5
Broken Hill, Rio Tinto and Anaconda confirm potential of nickel mine in Australia	May	8
Bucyrus-Erie plans to acquire Brad Foote Gear Works	Jun	6
Bucyrus-Erie presents world's largest dragline to Central Ohio Coal	Jul	32
Bucyrus-Erie Co. sells two draglines to Peabody Coal	Jan	25
Bucyrus-Erie walking draglines chosen for Australian project	Jul	38
Bunker Hill will construct new sulfuric acid facility	Aug	14

C

California Time Petroleum buys Nevada mining tract	Sep	11
Canada outdoes itself in 1968 mining production	Feb	23
Canadian trio plan to merge	Oct	14
CF&I Steel and Crane Co. consider possible merger	Mar	18
Central Ohio Coal presented world's largest dragline by Bucyrus Erie	Jul	32
Cerro enters into explorational effort with General Nuclear	Dec	20
Cerro mining operations in Peru not in danger of expropriation	Sep	16
CF&I is 75% acquired by Crane	Aug	14
Chemalloy Minerals and Goldfield open first tantalum mine and mill in North America	Sep	6
Chemoleum Corp. acquired by Phelan Sulphur	Jun	6
Chile assisted by UNDP on detailed mineral investigations	Oct	14
Chuquicamata pit slide interferes with production	Apr	5
Cleveland Cliffs believed to be planning new mine and pellet plant	Apr	10
Cleveland Electric and North American Coal announce new pact	Jun	27
Cleveland Potash shaft contract	Sep	11
Clevite merger dropped by U. S. Smelting which intends to try for acquisition	Apr	6
Climax Molybdenum wins award for antipollution efforts	Apr	17
Coal as combatant against growing sewage problem	Sep	16
Coal Industry backs Nixon on stiff mine safety rules	Apr	5
Coal mine safety bill awaits Congress	Oct	14
Comalco seeks formation of second alumina consortium	Jul	49
Cominco American delivers first shipment of potash	Aug	11
Cominco and Anaconda to open mine in New Brunswick	Jul	39
Compagnie des Bauxites de Guinee acquires funds for bauxite venture	Nov	27

Congo and Union Miniere finally agree on compensation	Nov	26
Consol and OCR to construct lignite conversion plant	May	7
Consolidation Coal plans to reopen disaster mine	Aug	8
Consolidated Goldfields developing tin mine	Jul	36
Conzinc Riotinto in final accord with Bougainville authorities	Jun	5
Copper Range, four lead producers announce price hikes	May	7
Cortez gold mines hold dedication ceremonies	May	20
Crane Co. and CF&I Steel consider possible merger	Mar	18
Crane acquires 75% of CF&I	Aug	14
Cyprus affiliate to expand construction program	Jun	24
Cyprus Mines subsidiary reaches full production at Bruce mine	Jun	13

D

DeBeers subsidiary and Getty Oil diamond dredging operation in Africa	Jun	10
Deepsea Ventures reports large catch of nodules	Jun	24
Deepsea Ventures to explore for minerals on ocean floor	Mar	15
Denison Mines in joint exploration venture in Saskatchewan	Jul	36
Denison Mines, Hudson Bay and Anglo American in joint venture	Oct	15
Detroit Edison seeks Dravo to design and build stacker-reclaimer	Jul	42
DeVilliers and Sohio uncover deposit of uranium fuel material	Jun	5
Diamond Shamrock-Pickands Mather merger approved by stockholders	Jan	11
Dillingham and Parsons will perform nickel mining study	Dec	10
Dillingham-Signal to begin rutile-zircon production	Jul	40
Dorr-Oliver fluosolids system goes on stream at Kennecott plant	Jun	24
Double Absorption sulfuric acid plant a first for Australia	May	8
Dow buys magnesium chloride from Great Salt Lake Minerals	Jan	9
Dow gives go-ahead to primary magnesium plant	Jul	48
Dravo awarded anti-pollution contract	May	14
Dravo to design and build stacker-reclaimer for Detroit Edison	Jul	42
Dravo to design stacker-reclaimer for Potomac Electric	Jun	24
Duke Power prefers construction of conventional power plant	Jul	36
Duval Sierrita operation to begin production in fall	Jun	10

E

Earth Resources acquires Vitro Minerals Corp.	Jan	11
Earth Resources will develop copper deposit in New Mexico	Dec	20
Eastern Associated acquires Joanne Coal	Aug	14
Eastern Associated Coal has a new division, Philadelphia Coke	Jun	14
Elmco and BSP to be acquired by newly formed pollution-control oriented Envirotech	Jul	47
El Paso Gas copper find grows to 150 million tons	Feb	12
El Paso joined by Hecia Mining in Casa Grande copper venture	Mar	6
Enminsa moves ahead with Spanish Sahara phosphate project	May	13
Erie Mining and Bethlehem Mines awarded Sentinels-of-Safety trophy	Jul	30

F

Fagersta of Sweden in rock drill pact with Ingersoll-Rand	May	14
Federal-American Partners sell uranium concentrate	Jun	16
Federal Resources sinks shaft	Oct	15
Firestone and Goodyear continue development of foam-inflated tire	Jun	16

Flour Corp. to buy assets of Utah Construction Jun 13
FMC breaks ground for \$4.2-million coal research pilot plant Jun 27
FMC develops use for iodine in coal tar hydrogenation Sep 16
Freeport Sulphur and Japanese smelters reach accord on copper Oct 15
Freeport Sulphur attacking Indonesian cu-fe mountain Nov 26
Freeport Sulphur finds asbestos Sep 7
French firm and Texas Gulf Sulphur together in Africa May 7
FTC tentatively approves Island Creek acquisition of Maust Coal Jul 49
Fuji and Texaco introduce innovation in iron industry Jul 48

G

General Nuclear enters into explorational efforts with Cerro Dec 20
General Nuclear sells 9000 acres to Humble Oil Aug 21
General Steel acquires Simplicity Jun 16
General Telephone provides Chile mine with phone system Oct 15
Geophoto begins major airborne geophysical survey in Canada Oct 10
Getty Oil and DeBeers subsidiary diamond dredging operation in Africa Jun 10
Gladstone refinery will expand Sep 6
Goldfield and Chemalloy Minerals open first tantalum mine and mill in North America Oct 6
Goodyear and Firestone continue development of foam-inflated tire June 16
Grängesberg proposes merger with Svenska Metallverken Jul 49
Gulf Oil discovers ore grade bodies in northern Saskatchewan Jul 26
Gulf Oil in exploratory drilling for uranium May 13
Grandue finishes 10.3-mile tunnel to copper deposit Jan 23
Great Salt Lake Minerals sells magnesium chloride to Dow Jan 9
Gulf Oil forms new mineral resources subsidiary Feb 10
Gulf Resources agrees to sell its sulfur subsidiaries Jun 5

H

Halco bauxite project in Guinea gets export-import loan Jan 23
Hamersley wins mining rights to new iron ore reserves Jan 21
Hanna Mining exonerated in suit brought by U.S. Government Feb 21
Hanna Mining and St. Joe Lead agree on plans to merge Apr 5
Head Wrightson and Wybeta plan Chilean copper enterprise May 14
Hecla Mining joins El Paso in Casa Grande copper venture Mar 6
Hecla Mining moves to acquire half interest in Lakeshore find Jun 21
Hecla Mining project get green light Jul 47
Henderson molybdenum project to receive additional funds from Amax May 8
Hercules to market new lightweight concrete May 8
HEW urged by AMC to withdraw its air quality guidelines Oct 15
Hickel adopts in final form, outer continental shelf leasing, operating rules Dec 00
Holmes & Narver to construct copper facilities for Bagdad Jun 13
Homestake's share of Allan Potash mine acquired by TGS May 7
Honduras Rosario option on Dominican Republic mine Sep 12
House depletion cuts expected to start Senate fight Sep 16
Hudson Bay, Denison Mines and Anglo American in joint venture Oct 13
Humble Oil buys 9000 acres from General Nuclear Aug 21

I

Illinois Minerals completes expansion program with new dryer May 13
IMC potash refinery makes mixed potash mining economic Jun 26
IMC transfers Bonnie Phosphate operations to Central Farmers Apr 22
Inco and Sarnipac win passport to new Caledonia laterites Apr 10
Inco completes 48-mile railroad in Manitoba Feb 21
Inco completes sinking of Creighton No. 9 shaft Aug 14

Inco reports laboratory work on new alloying process Dec 00
Inco-Guatemala nickel pact caught in political arena Jul 47
Inco subsidiary and ni discovery Apr 5
Inco to fight pollution with world's highest chimney Apr 20
Increase in production from project gasbuggy May 10
Indian and UN experts work on \$1.4 million UNDP project Dec 00
Ingersoll-Rand in rock drill pact with Fagersta of Sweden May 14
Inspiration completes construction of new rod mill Jun 14
Iran plans on RYL direct reduction process plant Oct 6
Iranian permits issued for copper exploitation Sep 6
Ireco Chemicals and Chilean firm announce limited partnership Jul 38

J

Jackson County pellet plant to open this fall Feb 12
Japan steel production up 8.1% in fiscal 1968 Jun 26
Japan will invest \$50 million in Malaysian copper venture Jul 06
Japanese market impact on British Columbia-Yukon mining Oct 10
Jewel Ridge Coal to start new mine in Virginia Dec 14
Joanne Coal acquired by Eastern Associated Aug 14
Johns-Manville increasing diatomite production facilities Jun 14

K

Kaiser and Anglo-American Mining in joint exploration Jun 10
Kaiser engineers are awarded Noranda aluminum plant contract Apr 13
Kaiser Engineers awarded New Zealand al contract Oct 10
Kaiser Engineers expanding Texas cement plant Dec 26
Kaiser Engineers underway with new uranium mill project Aug 11
Kaiser enters commodity trading Sep 16
Kaiser expands exploration and mining activities Dec 17
Kaiser Steelworks to receive Utah Coal from Union Pacific unit train Jan 27
Kennecott case against unions upheld by NLRB examiner Mar 6
Kennecott Copper awarded three U.S. patents May 10
Kennecott granted mineral rights to Indonesian properties Dec 10
Kennecott's Chino Division has safest year yet Mar 18
Kennecott's Ray Mines Divisions producing Cu with cleaner air Dec 17
Kennedy Van Saun to construct slate processing plant for Hercules Jul 38
Kerr-McGee to construct facilities for uranium mining and processing Jun 5
Kerr-McGee to make plutonium, Anaconda and National Lead may Jun 6
Kerr-McGee merger talks dropped, Asarco holds off Pennzoll tender Mar 6
Kerr-McGee plans uranium mine start-up in lat. 1969 Feb 16
Krupp-designed stacker/reclaimer will handle coal for Pa. power station Nov 27

L

Lederle drug benefits miners afflicted with lung disease Mar 13
Le Nickel joins Penarroya toward off foreign control Jun 13
Lee-Norse will market longwall systems Jul 38
Link-Belt to build German bucket-wheel reclaimers in U.S. Jan 15
Litton Unit to build longest conveyor system in California Dec 16
Longwall mining equipment, a new joint venture formed Jun 5

M

Magna Copper and Newmont Mining plan to merge Jan 25
Magmont lead mine is dedicated Nov 22
Magnesium industry sees shortage Oct 14
Magnetics International signs \$2 million equipment contract with Brazilian iron producer Jul 32
Manhattan story has happy ending Nov 6

Marinduque mining signs agreements to develop Philippine nickel mine May 10
Marion Power Shovel to supplement equipment at Brenda Mines Jun 6
Marion Shovel's dragline has half-million lb tub Oct 14
Martin Marietta and new firm launch exploration venture Mar 13
Maust Coal to be absorbed by Occidental Petroleum May 13
McCullough Tool acquired by National Lead Jun 14
McKee awarded contract for manganese ore pellet plant Oct 10
McKee Division will build uranium extracting mill Aug 21
Metal prices inch up on four fronts Feb 10
Michigan iron mines, statistics shed light on why some are closed Sep 12
Michigan Tech will analyze lake-bottom manganese Oct 6
Micro Copper talking acquisition with Valley Metallurgical Sep 12
Minnesota Geologic Survey to create branch office at U. of Minnesota Jun 26
Minnesota Geological Survey finds mineral potential in part of proposed Voyageurs Park Jul 40
Mitsubishi Metal Mining opens New York Office Jul 36
Mitsui arranges copper smelting with Utah Construction Dec 20
Mitsui Group to construct \$40 million alumina refinery Jul 26
Molycorp and Amax raise molybdenum prices Jun 10
Molycorp offers full line of known earths Apr 17
Molycorp ups reserve estimates Oct 10
Molycorp will buy residuals containing rare earths from Republic Steel Dec 20
Moon rocks analyzed by geologists Sep 12
Morton breaks ground for Seneca Lake mine Aug 22
Morton Salt embarks on expansion program Jun 14
Morton Salt to open mine near Seneca Lake, N. Y. Mar 15
Mt. Isa lead-zinc-silver find may make company top producer Jun 26
Mt. Isa proposes expansion Sep 7
National Bulk no longer partner in Australian iron ore project Sep 7
Mt. Newman pier complex completed by six international firms May 19
Mt. Newman project underway Aug 5
Mt. Newman railroad is finished two months ahead Mar 11

N

National Lead may produce plutonium along with Anaconda and Kerr-McGee Jun 6
National Lead sets sights on mg Jun 5
NCA executive says uranium is no threat to coal May 22
National Lead acquires McCullough Tool Jun 14
National Lead will have H₂SO₄ plant designed by Wellman-Lord Dec 17
Newmont and Banner Mining call off merger plans May 8
Newmont announces two new orebodies in South Africa Nov 23
Newmont entering copper refining business with plant in Arizona Dec 50
Newmont Mining and Magma Copper plan to merge Jan 25
Newmont to acquire Banner Mining Mar 16
New Jersey Zinc announces big ore find in Tennessee Feb 10
Nippon Kokan outlines two-year expansion program Sep 16
NLRB examiner upholds Kennecott case against unions Mar 6
Noranda al plant contract awarded to Kaiser Engineers Apr 13
North American Coal and Cleveland Electric announce new pact Jun 27
Northwest Passage opening to shipping may become reality Aug 11

O

Occidental Chemical names Wellman-Lord phosphate contractor Dec 17
Occidental Petroleum to absorb Maust Coal May 13

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OCR and Consol to construct lignite conversion plant	May	7
Oglebay Norton plans merger with Taylor & Boggis Foundry	Jun	16
Ohio Power equips Big Muskie with 2000-ft continuous cable	May	13
Oil Shale Corp. claims are upheld by appellate court	Mar	13
Old Ben Mine dedicated at joint ceremonies in Sesser, Ill.	Mar	17
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Panama receiving bids for copper-molybdenum deposit	Nov	6
Parsons and Dillingham will perform nickel mining study	Dec	10
Parsons-Jurden awarded contract to build copper concentrator	Aug	11
Peabody Coal buys two draglines from Bucyrus-Erie Co.	Jun	25
Pima art collection purchased	Sep	18
Penarroya and Amax agree on nickel venture	Oct	6
Penarroya joined by Le Nickel to ward off foreign control	Jun	13
Penn State team salvages pyrite, coal and clay from refuse	May	22
Peru and Asarco get together on Cuajone ore body	Dec	10
Petrolomics plans 500-tpd expansion at uranium mill	Feb	21
Phelan Sulphur acquires Chemoleum Corp.	Jun	6
Phelps Dodge acquires interest in Western Nuclear	Jul	26
Phelps Dodge increases price of domestic copper	Jun	27
Phelps Dodge mill output increases	Nov	27
Phelps Dodge to develop copper mine in Arizona	Aug	8
Philadelphia Coke now a division of Eastern Associated Coal	Jun	14
Phillips Petroleum and Silver King Mines find new and larger ore body	Dec	20
Pickands Mather-Diamond Shamrock merger approved by stockholders	Jan	11
PMC claims first portable copper processing plant	Sep	16
PMC-Powdered Metals purchases producing copper mine	Nov	22
Potash scene: a transformation in the United Kingdom	Jul	44
Potomac Electric contract Dravo for design of stacker-reclaimer	Jun	24
Project Scarlift to offer Scranton subsurface protection	Jul	44

Q		
Queensland Alumina to become world's largest refinery	May	22

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Ranchers Exploration acquires tungsten mine	Apr	6
Rapid excavation enthusiasts press for all-out R&D effort	Jan	23
Ray Mines Divisions of Kennecott producing copper with cleaner air	Dec	14
Republic Steel will sell residuals containing rare earths to Molycorp	Dec	17
Rio Algom to develop copper mine in British Columbia	May	8
Rio Algom developing Utah uranium property	Jun	23
Rio Tinto, Anaconda and Broken Hill confirm potential of nickel mine in Australia	May	50
Rio Tinto affiliate finds uranium in Labrador	Apr	25
Rio Tinto negotiates sale of Bougainville copper with Japanese smelters	Apr	16
Rosario and Asarco explore for cu, ag, pb, zn and au	Nov	6

A		
AIME Annual Report 1968	Mar	95
AIME appoints Director of Administration	Jul	46
AIME begins lining up student jobs for summer 1969	Jan	95
AIME Board announces Centennial Endowment Fund	Mar	18

S		
S & H receives \$810,000 order from Turkey	Jun	6
Sabah mine under development	Sep	7
Selection Trust subsidiary to develop Canadian mine	Sep	12
Sentinel Mining's Pilbara Harbor may start with nuclear blast	Apr	20
Shaft Drillers reach milestone	Oct	14
Sherritt Gordon in Indonesian nickel laterites	May	7
Silver King Mines and Phillips Petroleum find new and larger ore-body	Dec	20
Simplicity acquired by General Steel	Jun	16
Six International firms complete Australian Mt. Newman pier complex	May	19
Skagway Terminal, first ore concentrate to	Aug	8
Smith Industries plans to acquire Winter-Weiss	Jan	26
Somalia signs exploration pact with UNDP	Dec	17
Southwest will get specialized mining consultation firm	Nov	26
Sovereign Industries and Swindell-Dressler may build Hyl plant	Nov	23
Stauffer to reopen phosphate rock mine at Vernal, Utah	Jun	27
Sohio and DeVilliers uncover deposit of uranium fuel material	Jun	5
Sperry develops new remote controlled unmanned work submarine	May	14
Standard Metals to build new mill	Jul	38
Stauffer Chemical forms fertilizer and mining division	Mar	18
St. Joe Lead and Hanna Mining agree on plans to merge	Apr	5
St. Joseph Lead will develop new lead mine and mill	Aug	22
Straus Exploration, Inc. and Martin Marietta launch exploration venture	Mar	13
Sulfur surplus seen as temporary	Oct	14
Surveys and Mining Ltd. increase copper production at Gunpowder	Sep	16
Susquehanna uncovers two uranium deposits that will lift mill output	Jun	24
Swindell-Dressler and Sovereign Industries may build HYL plant	Nov	23
Synrude Canada Ltd. applies for delayed Athabasca development permit	Apr	10

T		
Taylor & Boggis Foundry plans merger with Oglebay Norton	Jun	16
Texaco and Fuji fe innovation	Jul	48
Texas Gulf awards construction contract to Wellman-Lord	Jun	26
Texas Gulf's Australian cu-pd-zn deposit looks good	Oct	6
Texas Gulf Sulphur and French Firm together in Africa	May	7
Texas Gulf Sulphur acquires Homestake's share of Allan Potash Mine	May	7
Texas Gulf Sulphur announces plans smelter complex in Canada	Jun	5
Tosco official appeals for equitable taxes on shale oil	Jun	13
Tosco plans for new raw material ventures	Jul	38
Tosco plans to join in minerals development in Australia	May	13
Tsu shipyard nears completion	Aug	22

U		
Udall presents coal mine safety bill at conference	Feb	12
UN and Indian experts work on \$1.4 million UNDP project	Dec	11
UN-Argentina Cordillerano Plan nears completion in quest for cu	Nov	7

UN porphyry copper find excites worldwide interest	Apr	5
UNDP assists Chile on detailed mineral investigations	Oct	14
UNDP signs exploration pact with Somalia	Dec	17
Union Carbide and American Cyanamid propose joint titanium venture	Jul	49
Union Carbide realigns mining and metals business	Dec	26
Union Minera del Sur strikes sulfur in Mexico	Jan	22
Union Miniere and Congo finally agree on compensation	Nov	26
Union Pacific unit train to haul Utah coal to Kaiser steelworks	Jan	27
United Mine Workers may fight over next union president	Jul	43
USAEC reports bumper year for uranium drilling	May	26
USBM film on mine fire control wins educational movie award	Feb	14
USGS expects record royalties from 1968 mineral operations	Feb	14
USGS says "leaking" mercury vapor may be clue to ore deposits	May	20
USGS sets off firecrackers to map bedrock surfaces	Apr	13
U. S. Government suit exonerates Hanna Mining	Feb	21
U. S. Smelting drops Cleveite merger to try for acquisition	Apr	6
U. S. Steel acquires interest in three African mining ventures	Aug	22
U. S. Steel forms engineering consulting firm	Feb	23
U. S. Steel will open coal mine	Jul	47
U. S. Study Commission urges federal ocean research plunge	Feb	21
Utah Construction and Mitsui finalize copper smelting contract	Dec	50
Utah Construction completes River Mountains tunnel	Sep	11
Utah Construction to double Wyoming uranium output	Jan	21
Utah Construction to sell construction assets to Fluor Corp.	Jun	13

V		
Valco of Ghana to expand	Aug	14
Valley Metallurgical talking acquisition with Micro Copper	Sep	13
Vitro Minerals Corp. acquired by Earth Resources	Jan	11

W		
Wellman-Lord named by Occidental Chemical a phosphate contractor	Dec	17
Wellman-Lord receives construction contract from TGS	Jun	26
Wellman-Lord SO ₂ recovery process licensed by Japan	Oct	14
Wellman-Lord will design H ₂ SO ₄ plant for National Lead	Dec	17
Western Nuclear acquired in part by Phelps Dodge	Jul	26
Western Nuclear finds uranium	Nov	26
Westinghouse awarded multimillion dollar dragline contract	Aug	22
Westinghouse radar now in use for geological reconnaissance	Jun	10
Westinghouse to build mine drainage treatment plant	Aug	8
White Pine ventilation shaft hits bottom at 1600 ft	May	9
Winter-Weiss to be acquired by Smith Industries	Jan	26
Woodpecker vs. mining interests	Oct	10
Wybetra and Head Wrightson plan Chilean copper enterprise	May	14

Y		
Youngstown Sheet and Tube and Lykes will merge	Jul	47

Z		
Zambia's Nkandabwe coal mine to close	Dec	50
Zambia's Rhokana O ₃ plant ready	Dec	20
Zinc price hike spreads through entire industry	Jun	16

PART III. SME News

AIME elects new Executive Director	Jan	9
AIME Officer Nominees for 1970	Jul	54
AIME Publications:		
SME Preprints, Annual Meeting 1969	Mar	74
SME Preprints, Fall Meeting 1969	Sep	72
AIME Publications Prices, 1969	Jan	114
Alford, J. B., elected new AIME Executive Director	Jan	9
Arizona, University of		

Begins geochemical research on lunar rock samples	Nov	122
Receives research gift	Jul	177
Around the Sections:		
Jan 112, Feb 139, Mar 72, Apr 90, May 80, Jun 95, Jul 115, Aug 90, Sep 104, Oct 101, Nov 107, Dec 79		
Awards:		
Joseph Becker Award	Apr	20

Tasker H. Bliss Medal of The Society of American Military Engineers, to T. H. Kuhn	Jul 117	Harris, W. J., Jr., named president of EJC	Jan 13	Rock Mechanics Symposium, 12th Dec	82
Arthur L. Day Medal, The Geological Society of America, awarded to F. J. Vine	Jan 21			Rocky Mountain Coal Mining Institute Convention	Jun 26
James Douglas Gold Medal	Feb 120	I		SME Fall Meeting 1969 Feb 24, Apr 27, May 24, Jun 28, Jul 67, Aug 26, Sep 61, Nov	94
Howard N. Evenson Award	Jan 93	IndMND Officer Nominees, 1970	Jul 60	SME Fall Meeting, 1970	Jun 33
Fairless Award	Feb 121	In the Aggregate:		Symposium on Rapid Excavation, 2nd	Jun 41
Hardinge Award	Jan 90	Jan 45, Feb 47, Aug 56, Nov 34, Dec	15	Symposium on Salt, 3rd	Aug 28
Jackling Award	Jan 91			TUNCON 70, South African Tunneling Conference	Aug 28
Waldemar Lindgren Citation	Jun 97	L		University of Minnesota, Annual Mining Symposium, 1969	Mar 17
Anthony F. Lucas Gold Medal	Feb 120	Legion of Honor, Class of 1910	Jan 23	University of Minnesota, Annual Mining Symposium, 1970	Oct 30
Mineral Economics Award	Jan 91	Letters to the Editor:		Wyoming Mining Association	Dec 33
Mineral Industry Award	Jan 90	Jan 7, Feb 8, Mar 5, May 5, Jul 9, Sep 5, Oct 5, Nov 4, Dec	9	Merritt, Paul C., resigns as editor of MINING ENGINEERING	Mar 6
Nitro Nobel Medal to Melvin A. Cook	Apr 88				
Robert Peele Memorial Award	Feb 122	M			
Penrose Medal, The Geological Society of America, awarded to J. T. Wilson	Jan 16	Mackay School of Mines:			
Ramsay Gold Medal	Jan 92	Co-sponsors, with National Science Foundation, field conference for geologists	Oct 84	N	
Charles F. Rand Award	Jan 121	Mining companies aid scholarship funds	Jul 117	New Mexico Institute of Mining and Technology:	
Robert H. Richards Award	Feb 16	Sponsors mining trip for high school students	Oct 83	Forms geoscience department	Feb 138
John Scott Award	Mar 16	MBD Officer Nominees 1970	Jul 63	Kennecott gives X-ray spectrograph unit to research foundation Nov	123
Storch Award, nominations solicited	Apr 6	M&E Division Officer Nominees, 1970	Jul 56	Metallurgical engineering program accredited	Dec 91
SME Best Presentation Award	Feb 122			Receives National Science Foundation grants	Sep 107
		Meetings:			
B		AIME Annual Meeting, 1969 Jan 29, Apr	38	O	
Benardi, Jack P., awarded honorary doctorate by University of New Hampshire	Aug 21	AIME Annual Meeting, 1970 Sep 21, Oct 30, Nov 49, Dec	18	Obituaries:	
Books:		AMC Coal Show, 1970	Nov 50	Jan 108, Feb 134, Mar 84, Apr 100, May 87, Jun 106, Jul 127, Aug 85, Sep 122, Oct 108, Nov 112, Dec	96
Notices		AMC Mining Convention Sep 21, Dec	44	Opinion	Mar 30, Apr 43, Sep 46
Government Publications	Apr 104, May 96, Oct 89	Ash Utilization Symposium, 2nd Dec	21		
State Publications		Canadian Symposium on Mining Surveying, 1970, 1st	32	P	
Alabama	Dec 96	Air Pollution and Water Conservation in the Non-Ferrous Metals Industry	May 27	Pennsylvania State University:	
Arizona	Dec 98	ASEE 77th Annual Meeting	Jun 33	Begins Master's program in mineral engineering management	Jan 96
California	May 96	Clay Minerals Society	May 27	Forms ore deposit research section	May 61
Idaho	Dec 98	Coal Division Spring Meeting	Apr 27	Offers new associate degree program	Jun 97
Illinois	May 96, Dec 98	Colorado Mining Association 72nd Apr	22		
Kentucky	May 96, Dec 98	Colorado Mining Association 73rd Apr	22	Personals:	
Minnesota	Dec 98	National Western Mining Conference and Exhibition, 1970 Jul	75	Jan 96, Feb 127, Mar 81, Apr 96, May 83, Jun 99, Jul 123, Aug 52, Sep 118, Oct 99, Nov 113, Dec	80
Missouri	May 96	Congress of the International Society for Rock Mechanics, 1970 Apr	37	Perspective	Jan 94, Jun 94
Montana	Dec 98	Engineering Foundation Research Conference, 1969 Feb 27, May	24	Power Line	May 24
Nevada	May 96, Dec 98	Engineering with Nuclear Explosives Meeting, 1970	Mar 20, Jun 33	Products:	
New Hampshire	Dec 98	Illinois Mining Institute, 77th Sep	21	Jan 104, Feb 124, Mar 67, Apr 92, May 88, Jun 101, Jul 118, Aug 80, Sep 110, Oct 93, Nov 98, Dec	71
New Mexico	May 96, Dec 98	Inter-American Conference on Materials Technology, II Aug 32, Dec	21		
Utah	May 97, Dec 98	Intermountain Minerals Conference, Fifth	Jul 71	Q	
Virginia	Dec 98	International Geochemical Exploration Symposium	May 28	Queen's University, establishes center for mineral technology	Feb 138
Washington	May 97, Dec 98	International Mineral Processing Congress, IX	Mar 29, Aug 32		
Wisconsin	Dec 98	International Mining Congress, VI Aug	32	R	
Foreign Publications		International Mining Symposium on Mine Surveying, Mining Geology, and the Geometry of Mineral Deposits	Mar 29	Rock in the Box:	
Australia	Dec 98	Joint Convention of the New Mexico Mining Association and Southwest International Mining Association, 1968	Jan 22	Jan 40, Feb 46, Mar 42, Apr 53, May 37, Jun 45, Aug 52, Sep 35, Oct 44, Nov 46, Dec	14
Canada	May 97, Dec 98	Joint Engineering Management Conference, 17th	Aug 31	Royal School of Mines, London, offers postgraduate course in mineral process design	Mar 79
Boyd James, 1969 AIME President	Feb 11	Joint Meeting Central Appalachian Section AIME and West Virginia Coal Mining Institute, 1969	Oct 39, Dec 42		
Bulletins:		Lignite Symposium, 1969	Apr 28	S	
Jan 107, Mar 71, Apr 95, May 92, Jun 102, Jul 120, Aug 86, Sep 115, Oct 98, Nov 104, Dec	77	Mine Inspectors' Institute, 59th May	27	SME Membership Directory, 1969	Jul 139
		Mineral Waste Utilization Symposium, 2nd	Oct 30	SME Officer Nominees, 1970	Jul 55
C		Mining Environmental Conference, University of Missouri	Mar 20	SME Personnel Service:	
Caldwell, A. Blake, joins MINING ENGINEERING as managing editor	Aug 5	Minnesota Section, AIME, 1969 Annual Meeting	Mar 16	Jan 116, Feb 148, Mar 86, Apr 104, May 97, Jun 112, Jul 131, Aug 94, Sep 125, Oct 101, Nov 123, Dec	100
Coal Division Officer Nominees, 1970 Jul	59	Minnesota Section, AIME, 1970 Annual Meeting	Oct 30, Dec 18		
Colorado School of Mines:		National Coal Association, 52nd Anniversary Convention	Jun 35	T	
Adds six new degrees	Feb 138	National Safety Congress, Coal Mining Section	Oct 31	Take Five:	
Establishes exploration service	Sep 16B	National Western Mining Conference and Exhibition of Colorado Mining Association, 72nd	Apr 22	Feb 118, Aug 81, Sep 100, Oct 79, Nov 92, Dec	74
Establishes graduate department of mineral economics	Nov 122	New Mexico Mining Association Annual Meeting 1969 and International Mining Days	Sep 23	U	
NASA grant for research in remote sensing	Jun 98	Northwest Mining Association, Diamond Jubilee	Sep 23	University of Utah begins construction of new mineral science building	Sep 108
Receives endowment for mineral economics chair	May 81	Offshore Technology Conference, 1st Annual	Feb 28, Jul 15		
Scholarship established by E. J. Longyear Co.	May 82	Offshore Technology Conference, 2nd	Sep 21	W	
Columbia:		Pacific Northwest Metals and Mineral Conference, 1969	Jan 32, Mar 22	WAAIME:	
Announces first Thayer Lindsley professorship	Apr 89	Pacific Southwest Mineral Industry Conference, 1970	Sep 21	Annual meeting, 1969	Jan 29
Establishes degree in ocean engineering	May 81	Pittsburgh Section Off-the-Record Meeting, 1969	Aug 31, Oct 30	Annual meeting, 1970	Dec 18
Establishes graduate program in environmental engineering	Dec 89	Respirable Coal Mine Dust Symposium	Oct 31	Establishes new scholarship fund	Aug 9
Council of Economists:				Grants 27 scholarship loans	Oct 94
Jan 102, Feb 136, Apr 87, May 78, Aug	84			Makes contributions to families in Farmington mine disaster	Jun 21
				Supports Pierce Memorial Art Fund	Feb 16
D				Washington Survey:	
Dellinger, Brower, becomes 1969 SME President	Mar 7			Jan 42, Feb 41, Mar 33, Apr 51, May 31, Jun 45, Jul 80, Aug 48, Sep 31, Oct 41, Nov 30, Dec	12
Drift of Things, The:					
Jan 46, Feb 49, Mar 43, Apr 58, May 47, Jun 55, Jul 93, Aug 37, Sep 74, Oct 51, Nov 52, Dec	27				
E					
EJC names W. J. Harris, Jr., president	Jan 13				
Engineering schools show decline in full-time enrollment	May 19				
	Sep 108				
F					
Fine Grind:					
Apr 55, May 38, Jun 46, Aug 54, Sep 42, Nov 44, Dec	26				

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